

**Abstract of the Disclosure**

An electronic camera apparatus comprises: an A/D unit 4 obtaining captured image data by A/D converting  
5 an image signal obtained by capturing an image; a preprocessing unit A 5a executing a preprocess for generating image data to be recorded from the captured image data; a preprocessing unit B 5b, which is allowed to execute a process in parallel with the preprocess  
10 executed by the preprocessing unit A 5a, executing a preprocess that includes a filter process and a pixel number conversion process in order to generate image data to be displayed, whose data amount is smaller than the image data to be recorded, from the captured image  
15 data; a buffer memory 9 temporarily storing both image data for which the preprocess is executed by the preprocessing unit A 5a, and image data for which the preprocess is executed by the preprocessing unit B 5b;  
and a processing unit 5c executing an image process for  
20 making recording and a display, which are related to the captured image data, based on the image data to be recorded and displayed, which are stored in the buffer memory 9.